

FIG. 4A

FIGURE 4B

Cleavage site

CGATAACAGT --- 5'-flap

(Lig probe-AGACATTCTCGTCTAGGGACCTGTCCG CTCCTTATGTCCATAAACA(1ig.Probe)

sed) 5' - CTAATCTGTAAGAGCAGATGGACAGGC-GAAGAATACAGGTATTTTGTCC (target

Cleavage

Ligation site

AGACATTCTCGTCTAGGGACCTGTCCG CTCCTTATGTCCATAAAAGGG

5'-CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTGTCC

Ligation

AGACATICTCGTCTAGGGACCTGTCCG-CTCCTTATGTCCATAAAAAGGG

5'-CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTGTCC

FIGURE 4C

Cleavage site

Incorrect hybridization:

TGATAACAGT---5'-flap

(Lig probe-AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAACA (lig.Probe)

sed) 5' - CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTGTCC (target

Weak cleavage

Ligation site

AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAACAGG-5'

5'-CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTGTCC

Ligation fails

AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAACAGG

5'-CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTTCTCC

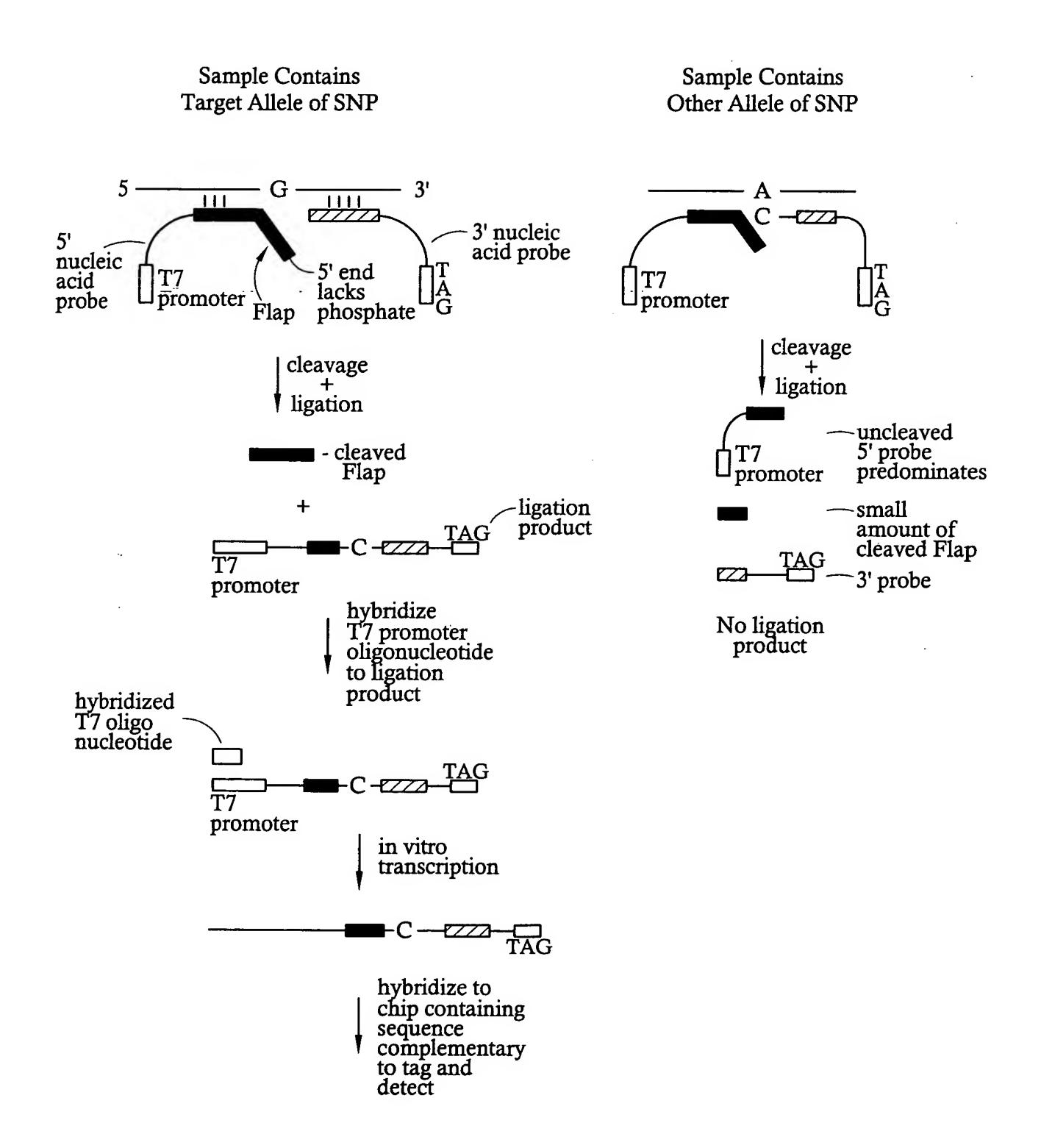
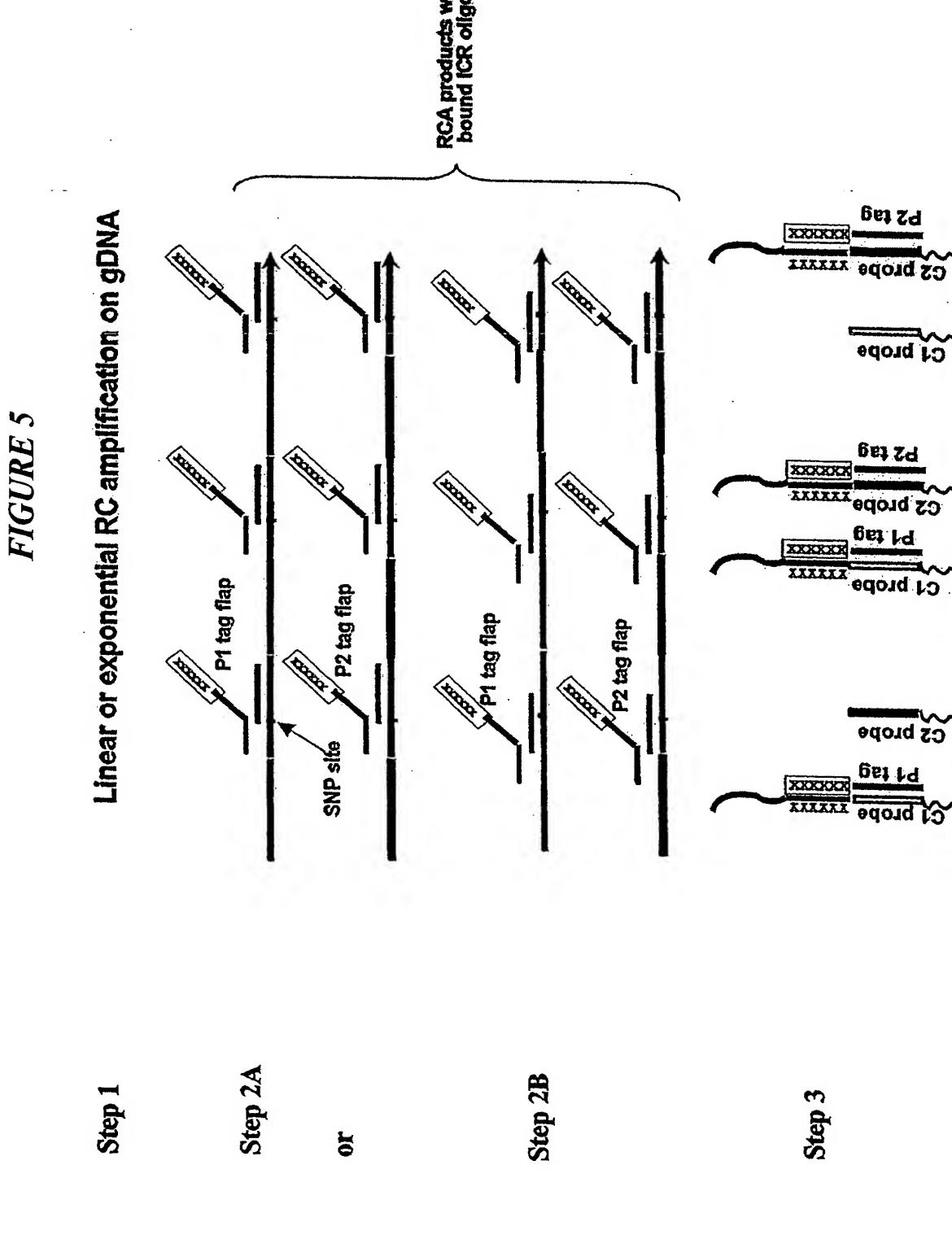


FIG. 4D



Ното "С"

Het

Homo "T"

